Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

NFORMATIO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) of

	Complete if Known			
Application Number	09/511,986			
Filing Date	February 24, 2000			
First Named Inventor	Vernon M. Williams			
Group Art Unit	2811			
Examiner Name	O. Nadav			
Attorney Docket Number	2269-4208US (99-0316.00/US)	J		

Examiner	Cite	Cite Document Number	- Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
Initials *	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY		Passages or Relevant Figures Appear
ON		US-4,511,595	04/1985	Inoue	
0~		US- 4,526,807	07/1985	Auerbach	
ON		US- 4,578,155	03/1986	Halliwell et al.	
dN		US- 6,096,574	08/2000	Smith	
UN		US- 6,391,251 B1	05/2002	Keicher et al.	
		US-			
		US-			
		US-			
-		US-)	
		US-			
	1	US-			
	<u>† </u>	US-			
		US-		<u> </u>	

FOREIGN PATENT DOCUMENTS						
Examiner	Cite No. 1 Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) Publication D MM-DD-YY	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Initials*		MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶	
				/		
	ļ	ļ				

|--|

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

¹ Applicant's unique citation designation number (optional) . ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

MAY 0 8 2003

Sheet

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Complete if Known			
Application Number	09/511,986		
Filing Date	February 24, 2000		
First Named Inventor	Vernon M. Williams		
Group Art Unit	2811		
Examiner Name	O. Nadav		
Attorney Docket Number	4208US (99-0316.00/US)		

	ľ	Document Number	U.S. PATENT D	Name of Patentee or Applicant of		
Examiner Initials *	Cite No. 1	·	Publication Date MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear	
ON		US-6,063,641	05/16/2000	Seki		
ON	T	US- 6,468,891 B2	10/22/2002	Williams		
		US-				
		US-				
		US-				
		US-				
•		US-			\	
		US-				
		US-			/	
		US-				
		US-				
		US-	,			
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
	T	US-				

Examiner	Cite	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines,	T ⁶
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ³ (if known)	Publication Date MM-DD-YYYY		Where Relevant Passages or Relevant Figures Appear	
 .						
	<u> </u>				 	_
			1			

Examiner Signature	0N	Date Considered	10/29/03

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.